

FIG. 1

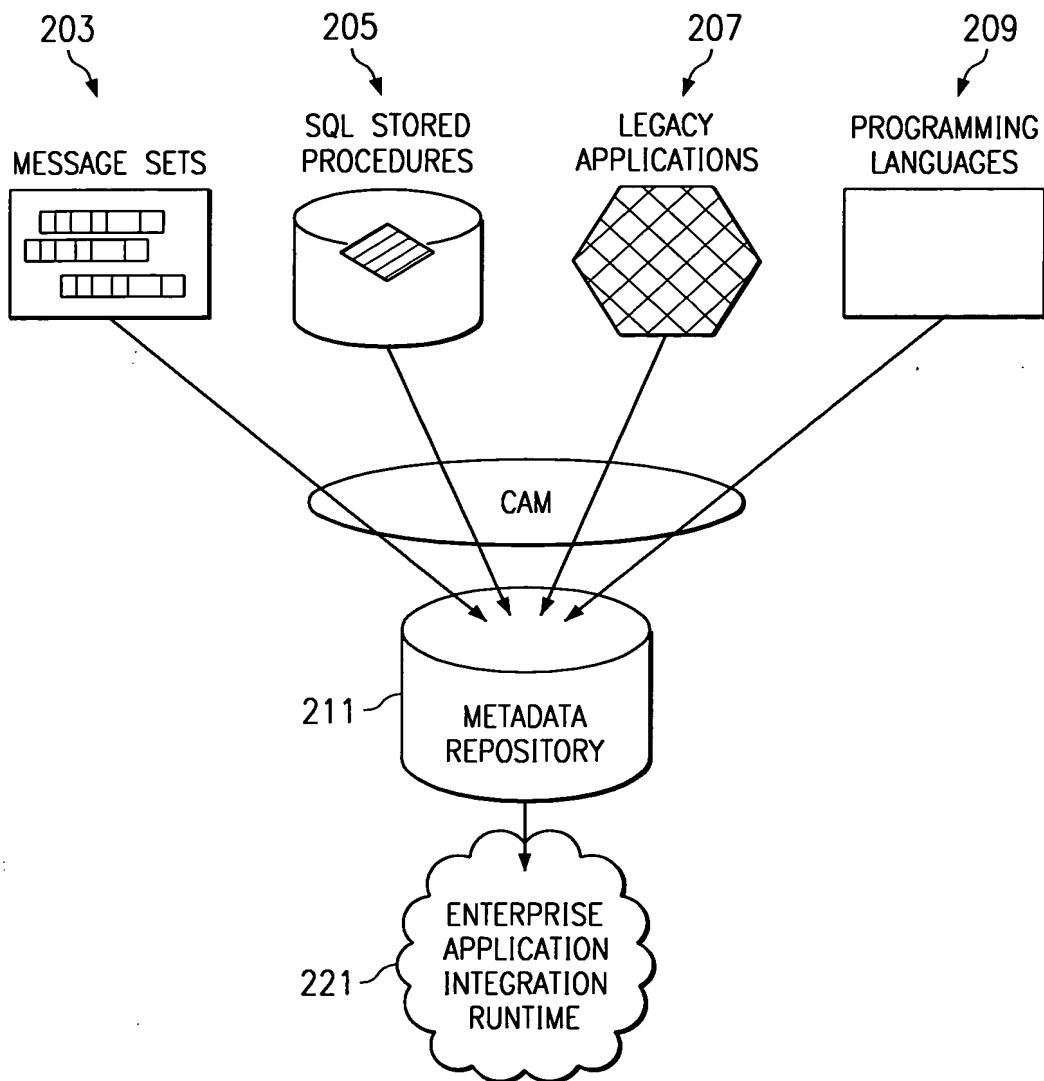


FIG. 2

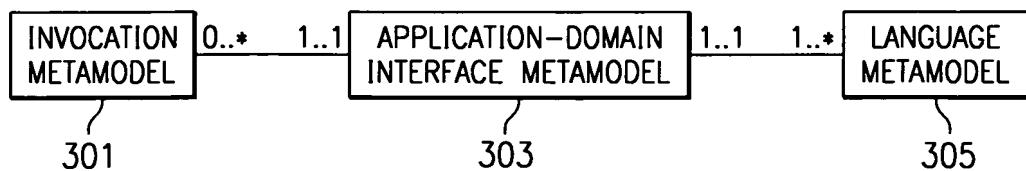
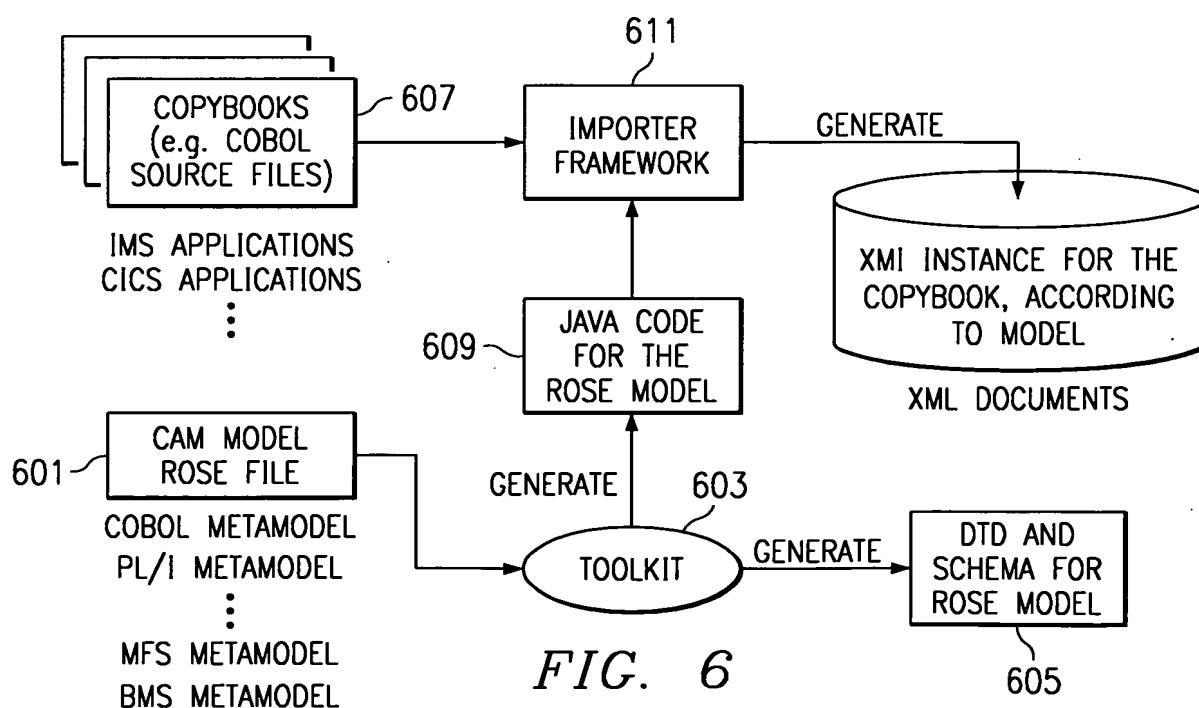
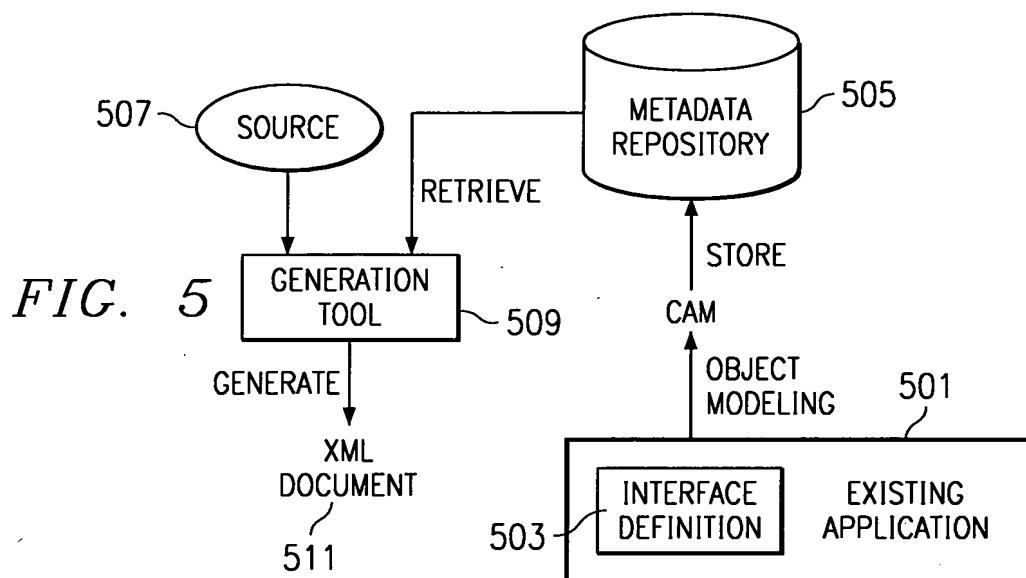
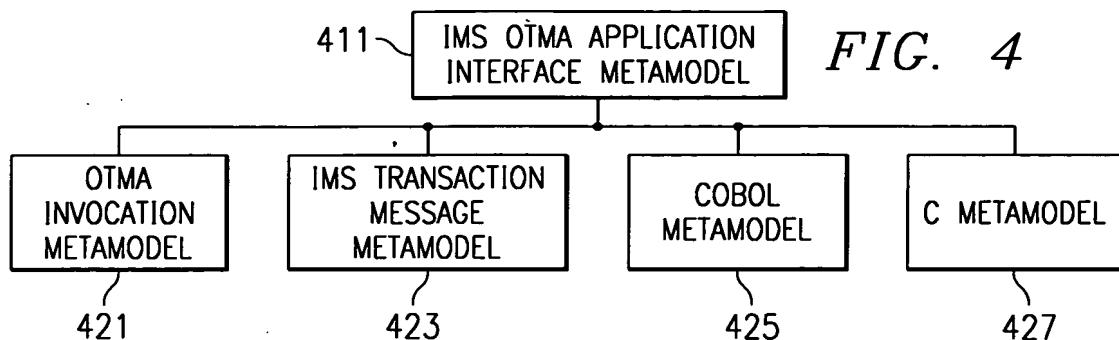


FIG. 3

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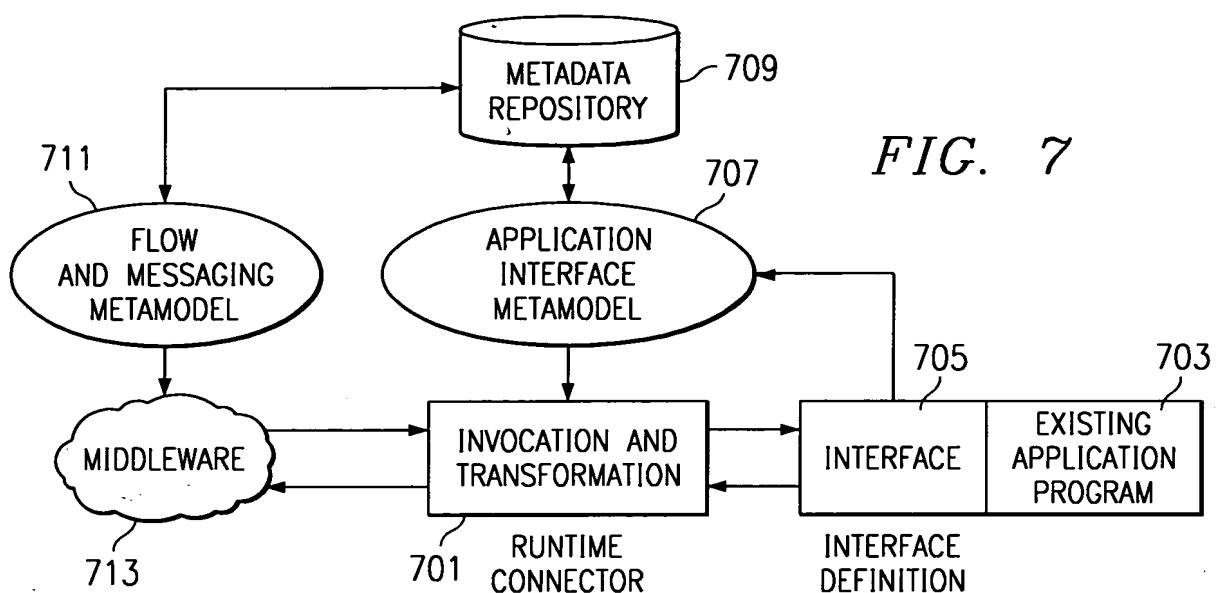


FIG. 8

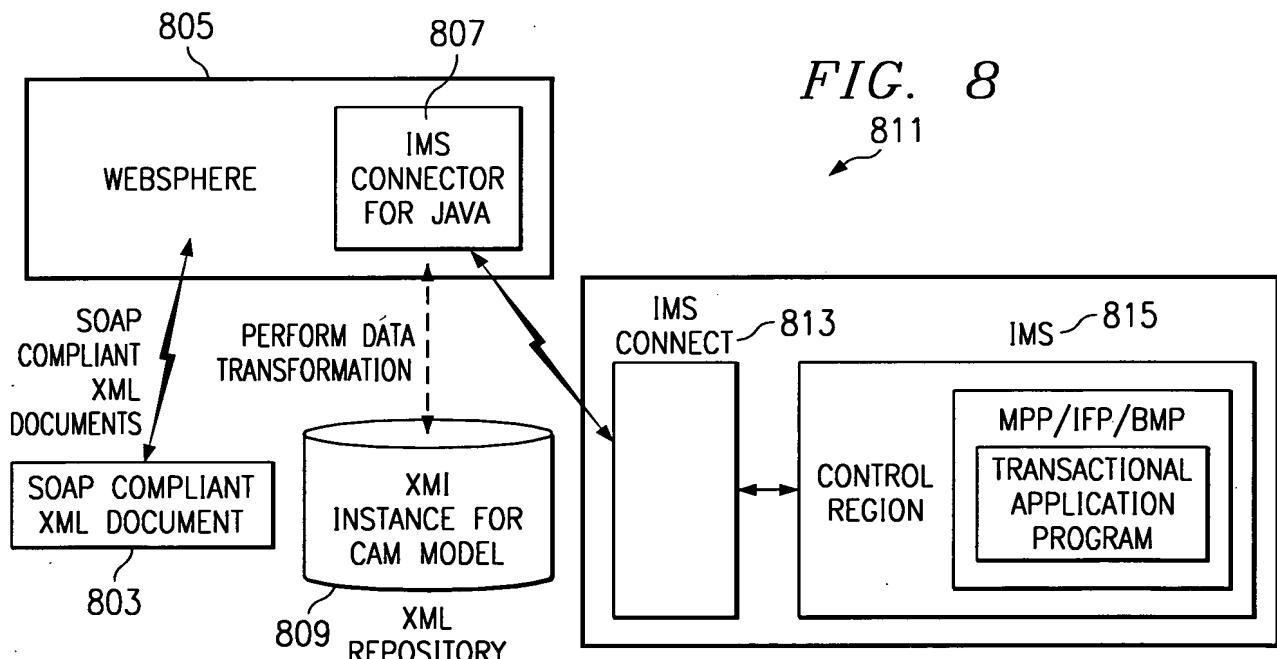
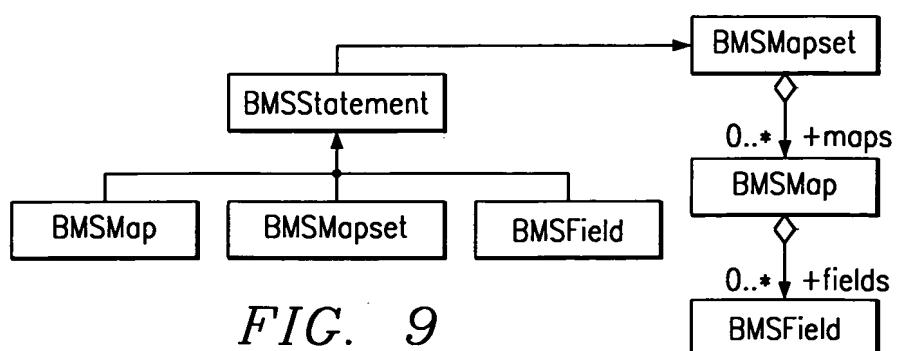


FIG. 9



<pre>BMSMapset</pre> <hr/> <pre>base : String color : BMSColortype control : BMSControlType cursorLocation : boolean data : BMSDatatype descriptionAttributes : BMSMapAttributesType extendedAttributes : BMSExtendedAttributesType fieldSeparator : String fold : BMSFoldType highlighting : BMSHighlightingType horizontalTabs : int language : BMSLanguageType logicalDeviceCode : int mapAttributes : BMSMapAttributesType mode : BMSModeType outboardFormatting : boolean outlining : BMSOutliningType partition : String programmedSymbol : String shiftOutShiftIn : boolean storage : boolean suffix : String terminal : String tioaPrefix : boolean transparent : boolean trigraph : boolean type : BMSMapsetType validation : BMSValidationType verticalTabs : int</pre> <hr/>	<pre>BMSMap</pre> <hr/> <pre>column : String color : BMSColortype control : BMSControlType cursorLocation : boolean data : BMSDatatype descriptionAttributes : BMSMapAttributesType extendedAttributes : BMSExtendedAttributesType fields : boolean fieldSeparator : String header : boolean highlighting : BMSHighlightingType justify : BMSJustifyType line : String mapAttributes : BMSMapAttributesType outboardFormatting : boolean outlining : BMSOutliningType partition : String programmedSymbol : String shiftOutShiftIn : boolean size : BMSSizeType terminal : String tioaPrefix : boolean trailer : boolean transparent : boolean validation : BMSValidationType</pre> <hr/>	<pre>BMSField</pre> <hr/> <pre>attributes : BMISAttributesType case : boolean color : BMSColortype group : String highlighting : BMSHighlightingType initialValue : String justify : BMSJustifyType length : int occurs : int outlining : BMSOutliningType pictureInput : String pictureOutput : String position : BMSPositionType programmedSymbol : String shiftOutShiftIn : String transparent : boolean validation : BMSValidationType</pre> <hr/>
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FIG. 10A

BMSStatement	label : String
	comments : String
<<enumeration>>	
BMSFoldType	
lower	
upper	
<<enumeration>>	
BMSLanguageType	
assembler	
c	
cobol	
cobol2	
pli	
<<enumeration>>	
BMSJustifyType	
left : boolean	
right : boolean	
first : boolean	
last : boolean	
bottom : boolean	
<<enumeration>>	
BMSHighlightingType	
off	
blink	
reverse	
underline	
<<enumeration>>	
BMSModeType	
out	
in	
inout	
<<enumeration>>	
BMSOutlineType	
box : boolean	
left : boolean	
right : boolean	
over : boolean	
under : boolean	
<<enumeration>>	
BMSPositionType	
line : int	
column : int	
number : int	
<<enumeration>>	
BMSSizeType	
line : int	
column : int	
<<enumeration>>	
BMSAttributesType	
skip : boolean	
bright : boolean	
detectable : boolean	
dark : boolean	
modified : boolean	
cursor : boolean	
normal : boolean	
numeric : boolean	
protected : boolean	
<<enumeration>>	
BMSColorType	
default	
blue	
red	
green	
pink	
turquoise	
yellow	
neutral	
<<enumeration>>	
BMSMapAttributesType	
color : boolean	
highlighting : boolean	
outline : boolean	
programmedSymbol : boolean	
sosi : boolean	
transparent : boolean	
validation : boolean	
<<enumeration>>	
BMSMapsetType	
dsect	
map	
final	

FIG. 10B